

**ASSEMBLY • OPERATION • MAINTENANCE • PARTS** 

20" & 22" ROTARY MOWERS

# Important:

Read Safety Rules and Instructions Carefully

Thank you for purchasing an American built product. Model Numbers 111-110A, 111-110-300 111-111A, 111-111-300 111-120A, 111-120-300 111-121A, 111-121-300

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## LIMITED WARRANTY

For one year from the date of original retail purchase, MTD PRODUCTS INC will either repair or replace, at its option, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges for any parts submitted for replacement under this warranty must be paid by the purchaser unless such return is requested by MTD PRODUCTS INC.

This warranty will not apply to any part which has become inoperative due to misuse, excessive use, accident, neglect, improper maintenance, alterations, or unless the unit has been operated and maintained in accordance with the instructions furnished. This warranty does not apply to the engine, motor, battery, battery charger or component parts thereof. Please refer to the applicable manufacturer's warranty on these items.

This warranty will not apply where the unit has been used commercially.

Warranty service is available through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please write to the Customer Service Department of MTD.

The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by MTD.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.



# TO PURCHASERS OF INTERNAL COMBUSTION ENGINE EQUIPPED MACHINERY OR DEVICES IN THE STATE OF CALIFORNIA

The equipment which you have just purchased does not have a spark arrester. If this equipment is used on any forest covered land, brush covered land, or grass covered unimproved land in the State of California, before using on such land, the California law requires that a spark arrester be provided. In addition, spark arrester is required by law to be in effective working order. The spark arrester must be attached to the exhaust system and comply with Section 4442 of the California Public Resources Code.



To reduce the potential for any injury, comply with the following safety instructions. Failure to comply with the instructions may result in personal injury.

## SAFE OPERATION PRACTICES FOR WALK-BEHIND MOWERS

#### **TRAINING**

 It is suggested that this manual be read in its entirety before attempting to assemble or operate this unit. Keep this manual in a safe place for future reference and for ordering replacement parts.

2. Your rotary mower is a precision piece of power equipment, not a plaything. Therefore,

exercise extreme caution at all times.

3. Read this Owner's Manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment.

 Never allow children to operate a power mower. Only persons well acquainted with these rules of safe operation should be al-

lowed to use your mower.

5. Keep the area of operation clear of all persons, particularly small children and pets. Stop engine when they are in the vicinity of your mower. Although the area of operation should be completely cleared of foreign objects, a small object may have been overlooked and could be accidently thrown by the mower in any direction and cause injury.

#### **PREPARATION**

Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, bones and other foreign objects which could be picked up and thrown by the mower in any direction and cause injury.

2. Do not operate equipment when barefoot or wearing open sandals. Always wear substan-

tial footwear.

3. Do not wear loose fitting clothing that could

get caught on the mower.

- 4. Check the fuel before starting the engine. Gasoline is an extremely flammable fuel. Do not fill the gasoline tank indoors, while the engine is running, or while the engine is still hot. Wipe off any spilled gasoline before starting the engine as it may cause a fire or explosion.
- Disengage the self-propelled mechanism or drive clutch on units so equipped before starting the engine.
- Never attempt to make a wheel or cutting height adjustment while the engine is running.
- 7. Mow only in daylight or in good artificial light.
- 8. Never operate the equipment in wet grass. Always be sure of your footing. Keep a firm hold on the handle and walk, never run.

#### **OPERATION**

1. Do not change the engine governor settings or overspeed the engine. Excessive engine speeds are dangerous.

2. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times as the rotating blade can cause injury

3. Stop the blade when crossing gravel drives,

walks or roads.

4. After striking a foreign object, stop the engine, remove the wire from the spark plug, and thoroughly inspect the mower for any damage. Repair the damage before restarting and operating the mower.

5. If the equipment should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning

of trouble.

Stop the engine whenever you leave the mower, before cleaning the mower housing, and when making any repairs or inspections.

7. When cleaning, repairing or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent

accidental starting.

8. Before attempting to unclog the mower or discharge chute, stop the engine and be sure the blade has stopped completely. The cutting blade continues to rotate for a few seconds after the engine is shut off. Never place any part of the body in the blade area until you are sure the blade has stopped rotating. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.

9. Do not run the engine indoors.

- Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher or unclogging chute.
- Mow across the face of slopes, never up-anddown. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.

 Always disconnect electric mowers (line operated) before cleaning, repairing or ad-

justing.

13. Never operate mower without proper guards, plates or other safety protective devices in place.

 Keep washout ports and other mower-housing service openings closed when mowing.

### **MAINTENANCE AND STORAGE**

1. Check the blade and engine mounting bolts at frequent intervals for proper tightness.

Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.

- Never store the equipment with gasoline in the tank inside of a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.
- 4. To reduce fire hazard, keep the engine free of grass, leaves, or excessive grease.
- Check the grass catcher bag frequently for wear or deterioration. For safety protection, replace only with new bag meeting original equipment specifications.

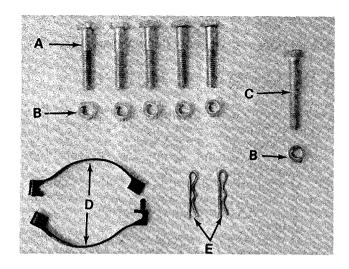


FIGURE 1.

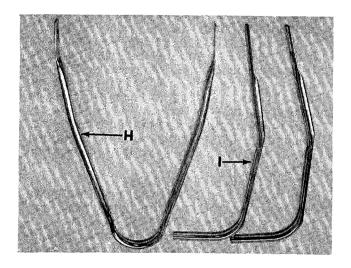


FIGURE 2.

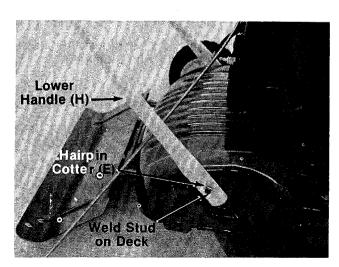


FIGURE 3.

## **ASSEMBLY INSTRUCTIONS**



This unit is shipped WITHOUT GAS-OLINE or OIL. After assembly, see operating section of this manual for proper fuel and engine oil recommendations.

Your new mower is shipped preassembled with the exception of the handle.

## Contents of Hardware Pack: (See Figure 1.)

- ---A (5) Hex Bolts 1/4-20 x 1.50" Long
  - B (6) Hex Lock Nuts 1/4-20 Thread
  - C (1) Hex Bolt 1/4-20 x 1.75" Long
  - D (2) Cable Ties
  - E (2) Hairpin Cotters
  - F (2) Hand Grips (not shown)

## **Tools Required for Assembly:**

- (1) Adjustable Wrench
- (1) 7/16" Open End or Box Wrench
- (1) 3/4" Open End or Box Wrench

## Loose Parts in Carton: (See Figure 2.)

- → H (1) Lower Handle
  - I (2) Upper Handles
  - Remove lawn mower and all parts from the carton. Make certain that all loose parts and literature have been removed before the carton is discarded.
  - 2. Extend throttle control assembly which is attached to engine at the rear of the mower and place on floor.



Do not bend or kink control wires.

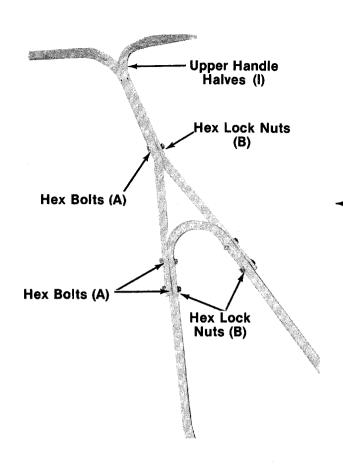
Place TOP SLOTTED hole in lower handle (H)
 over studs located in front of each rear wheel.
 Secure with hairpin cotter (E) provided in hardware pack. See figure 3.



It may be necessary to bend the ends of the lower handle inward slightly to assure a snug fit against the deck mounting area.



Figure 3 was photographed with the rear wheel removed for clarity. It is not necessary to remové wheel for handle assembly.



4. Assemble the upper handle halves (I) to lower handle using five hex bolts (A) and lock nuts (B). Only tighten finger tight. See figure 4.

## FIGURE 4.

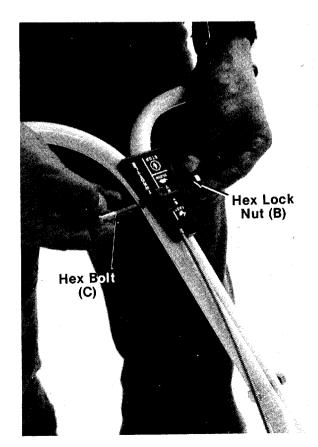
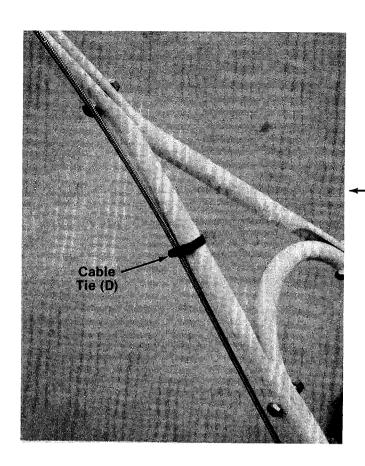


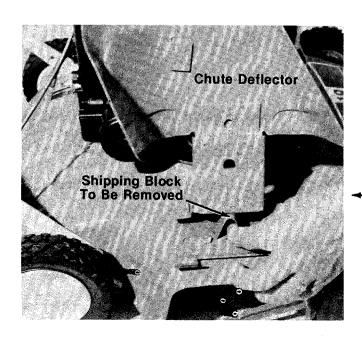
FIGURE 5.

- Place the tab on throttle control between the upper handle halves at top hole. Secure with hex bolt (C) and hex lock nut (B) provided in hardware pack. See figure 5.
- 6. Tighten securely all six hex bolts and hex lock nuts with 7/16" wrench.



- 7. Secure throttle control wire to handle with two cable ties (D) provided in hardware pack.
   See figure 6.
- 8. Slip hand grips (F) on the upper end of each handle. They will slip on more easily if you first soak them in warm, soapy water.
- 9. Check all nuts and bolts for correct tightness.

FIGURE 6.





Please note that the chute deflector on your mower is in an upright position. It is held in that position by a shipping block. This block is used for shipping purposes only. It must be removed and discarded before your mower is put into operation. See figure 7.

FIGURE 7.

## **OPERATION**

CAUTION

DO NOT OPERATE MOWER UNLESS GUARD OR ENTIRE GRASS CATCHER IS IN ITS PROPER PLACE.



## FIGURE 8.

Keep hands and feet away from the chute area on cutting deck. See figure 8.

For shipping puposes, the wheels on your mower are generally set in the upper mounting holes. Relocating the wheels to the second holes from the bottom will give better mowing results in most cases. When changing wheel positions, be sure belleville washers are assembled properly. (See cutting height instructions.)

- 1. FILL SUMP WITH OIL using a high quality detergent oil classified "For Service SC, SD, SE or MS". Nothing should be added to the recommended oil.
  - Use SAE 30 oil. If not available, use SAE 10W-30 or SAE 10W-40 oil.
  - Place the engine level. Remove oil filler plug. FILL THE OIL SUMP TO POINT OF OVER-FLOWING. Pour slowly. Capacity 1-1/4 pints.
- 2. FILL FUEL TANK using clean, fresh, regular grade automotive gasoline. Fill tank completely!

DO NOT MIX OIL WITH GASOLINE.

- 3. When ready to start engine, place throttle control lever on handle in "START" position and start engine in accordance with instructions in engine manual. After engine starts, move throttle control lever on handle to desired engine speed. The engine is stopped by placing control lever on handle in the "STOP" position.
- 4. Be sure that lawn is clear of stones, sticks, wire, or other objects which could damage lawn mower or engine. For best results and to insure more even grass distribution, do not mow when lawn is excessively wet.



After striking a foreign object, stop the engine. Remove wire from spark plug and thoroughly inspect the mower for any damage. Repair the damage before restarting and operating the mower.

## **ADJUSTMENTS**



Do not at any time make any adjustment to lawn mower without first stopping engine and disconnecting spark plug wire.

## **CUTTING HEIGHT**

Adjustment may be made by removing and moving axle bolts to desired position. Cutting heights will be raised as axle bolts are moved to a lower hole and lowered as axle bolts are moved to a higher hole in the deck. All axle bolts must be mounted in the same relative position. See figure 3.

#### THROTTLE

If adjustment becomes necessary, the throttle control wire assembly can be reset as follows:

- Loosen, but do not remove, screw securing throttle control wire assembly at engine. See figure 9.
- 2. Move throttle control lever on handle to "FAST" position.
- Move lever, to which control wire is fastened at engine, to full open position and retighten screw to secure throttle control wire assembly.



FIGURE 9.



If any adjustments are made to the engine while the engine is running (e.g. carburetor), disengage all clutches and blades. Keep clear of all moving parts. Be careful of heated surfaces and muffler.

#### **CARBURETOR ADJUSTMENTS (See Figure 10).**

Minor carburetor adjustment may be required to compensate for differences in fuel, temperature, altitude and load.

All carburetor adjustments should be made with the air cleaner on engine. Air cleaner mounting screw must be in carburetor when engine is run. Best adjustment is made with a fuel tank half full of gasoline.

## To Adjust Carburetor:

- Start engine and run long enough to warm it to operating temperature. If engine is out of adjustment so that it will not start, close the needle valve by turning it clockwise. Then open needle valve 1-1/2 turns counterclockwise.
- 2. Move engine control to run engine at normal operating speed.
  - a. Turn needle valve in clockwise until engine starts to lose speed (lean mixture).
  - b. Then slowly turn needle valve out counterclockwise past the point of smoothest operation until engine just begins to run unevenly (rich mixture).

- c. Turn needle valve back in clockwise very slowly till engine runs evenly.
- d. Final adjustment of the needle valve should be slightly to the rich side (turn counterclockwise) of the mid-point.
- 3. Move engine control to SLOW. Turn idle adjusting screw until a fast idle is obtained—(1750 R.P.M.).
- 4. To check adjustment, move engine control from SLOW to FAST speed. Engine should accelerate smoothly. If engine tends to stall or die out, increase idle speed or re-adjust carburetor, usually to a slightly richer mixture.

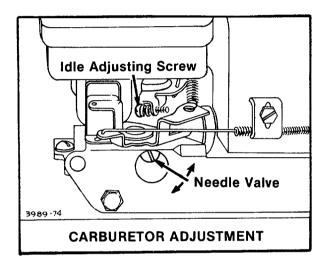


FIGURE 10.

## LUBRICATION



Always stop engine and disconnect spark plug wire before cleaning, lubricating or doing any kind of work on lawn mower.

Wheels—The wheels require no lubrication. However, if the wheels are removed for any reason, lubricate the surface of the axle bolt and the inner surface of the wheel with light oil. A 4 oz. plastic bottle of light oil lubricant is available. Order part number 737-0170. Engine oil may also be used.

If your unit is provided with optional ball bearing wheels, lubricate at least once a season with light oil.

Protective Shield—The pivot points on the protective shield should be lubricated periodically with light oil to prevent any rust or binding.

Chute Deflector—The torsion spring and pivot point should be lubricated periodically with light oil to prevent any rust or binding. Deflector must work freely.

**Engine**—Follow engine manual for lubrication instructions.

Throttle—Periodically lubricate throttle control lever and throttle wire assembly with a few drops of light oil for ease of operation.

## **MAINTENANCE**

#### **CUTTING BLADE**

A. Removal for Sharpening or Replacement



Be sure to disconnect and ground the spark plug wire before working on the cutting blade to prevent accidental engine starting.

- Remove the large bolt and lock washer which holds the blade and adapter to the engine crankshaft.
- 2. Remove the blade and adapter from the crankshaft. Be careful not to lose the key on the crankshaft.
- 3. If the blade or blade adapter needs replacing, remove the two small bolts, lock washers and nuts which hold the blade to the adapter.

## B. Sharpening

Remove the cutting blade by following the directions of the preceding section.

When sharpening the blade, follow the original angle of grind as a guide. It is extremely important that each cutting edge receives an equal amount of grinding to prevent an unbalanced blade. An unbalanced blade will cause excessive vibration when rotating at high speeds and may cause damage to the mower.

The blade can be tested for balance by balancing it on a round shaft screwdriver. Remove metal from the heavy side until it balances evenly.



It is recommended that the blade always be removed from the adapter for the best test of balance.

## C. Reassembly

Before reassembling the blade and the blade adapter to the unit, lubricate the engine crankshaft and the inner surface of the blade adapter with light oil. Lubricating the bolt holes, bolts and inner surface of the nuts with light oil is also recommended. A 4 oz. plastic bottle of light oil lubricant is available. Order part number 737-0170. Engine oil may also be used.

When replacing the blade, be sure to install the blade with the side of the blade marked "Bottom" (or with part number) facing the ground when the mower is in the operating position. Make certain key is in place on the crankshaft.

**Blade Mounting Torque** 

3/8" Dia. Bolt 375 in. lb. min., 450 in. lb. max. 5/16" Dia. Bolt 150 in. lb. min., 250 in. lb. max.

To insure safe operation of your unit, ALL nuts and bolts must be checked periodically for correct tightness.

## **DECK**

The underside of mower deck should be cleaned after each period of use as grass clippings, leaves, dirt and other matter will accumulate. This accumulation of grass clippings, etc., is undesirable as it will invite rust and corrosion and may cause an uneven discharge of grass clippings at the next cutting.

The deck may be cleaned by tilting the mower forward or on its side and scraping clean with a suitable tool or by washing with a stream of water from a garden hose.



Do not direct the stream of water at a hot engine as damage to the engine may result.

## **ENGINE OIL**

CHECK OIL LEVEL before starting engine and after every 5 hours of operation.

ADD oil as necessary to keep level FULL TO POINT OF OVERFLOWING.

Before removing oil fill plug, clean area around plug to prevent dirt from entering oil fill hole.

Engine should be in a level position when checking oil.

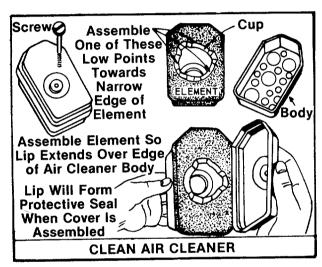
CHANGE OIL after first 5 hours of operation. Thereafter change every 25 hours. Change oil while engine is warm. Oil may be drained thru drain on bottom of engine. To drain completely, always place engine level when draining thru the bottom. Oil capacity 1-1/4 pints. See figure 11.



#### FIGURE 11.

#### **AIR CLEANER**

CLEAN AIR CLEANER and re-oil element every 25 hours under normal conditions. Clean every few hours under extremely dusty conditions. Poor engine performance and flooding usually indicates that the air cleaner should be serviced. See figure 12.



## FIGURE 12.

- 1. Remove screw.
- 2. Remove air cleaner carefully to prevent dirt from entering carburetor.
- 3. Take air cleaner apart and clean.
  - a. WASH foam element in kerosene or a liqguid detergent and water to remove dirt
  - b. DRY foam completely by wrapping and squeezing in a cloth.
  - c. SOAK foam with engine oil. Squeeze to distribute and remove excess oil.
- 4. Reassemble parts and fasten to carburetor.

#### SPARK PLUG

The spark plug should be cleaned (see figure 13) and the gap reset to a 0.030-inch clearance once a season (see figure 14). Spark plug replacement is recommended at the start of each mowing season; check engine manual for correct plug type.

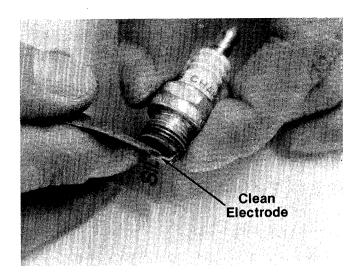


FIGURE 13.

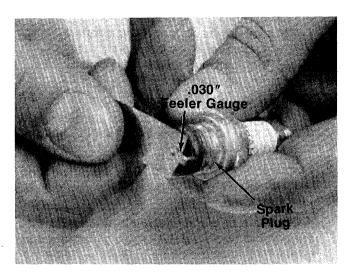


FIGURE 14.



Whenever the spark plug is removed for cleaning, it is advisable to replace the spark plug gasket with a new gasket.

# USING YOUR ROTARY MOWER

For the best results do not cut wet grass because it tends to stick to the underside of the mower, thus preventing proper discharge of grass clippings. If wet grass must be cut, reduce walking speed to help distribute the clippings more effectively.

New grass should be treated as wet grass, otherwise a normal walking speed is about the right pace for efficient mowing.

The best mowing pattern is one that allows the clippings to discharge towards the uncut part of the lawn. This permits recutting of the clippings to further pulverize them. When cutting high weeds, discharge towards cut portion then recut at right angles to first direction.

Lawn should be cut in the fall as long as there is growth.

## **OFF-SEASON STORAGE**

The following steps should be taken to prepare lawn mower for storage.

- 1. Clean and lubricate mower thoroughly as described in the preceding instructions.
- 2. Refer to Engine Manual for correct engine storage instructions.
- 3. Coat mower's cutting blade with chassis grease to prevent rusting.
- 4. Place blocks under deck to raise tires clear of floor.
- 5. Store mower in a dry, clean area.



The use of any accessory on this Rotary Mower other than those manufactured by the mower manufacturer is **not** recommended.

GRASS CATCHER Model No. 191-003A is available as optional equipment for the mowers shown in this manual.

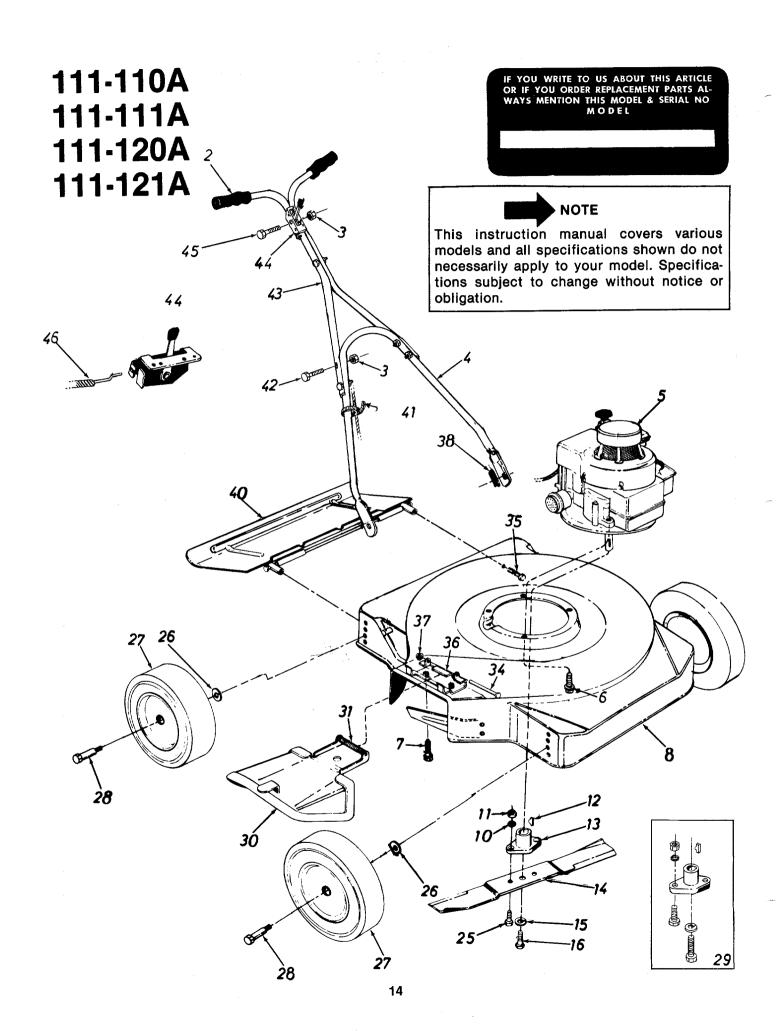


- 1. The mower should not be operated without the entire grass catcher or chute deflector in place.
- 2. The mower should not be operated without the protective shield on the rear of the deck in place.



Under normal usage bag material is subject to wear and should be checked periodically. Be sure any replacement bag complies with the mower manufacturer's recommendations.

For replacement bags, use only factory authorized replacement bag No. 764-0176.



## 111-110A 111-111A 111-120A 111-121A

# PARTS LIST FOR MOWER MODELS 111-110A, 111A,120A and 121A

REF.	PART COLOR NO. CODE	DESCRIPTION	NEW PART
2	720-0157	Grip	
3	712-0107	Hex Cent. L-Nut 1/4-20 Thd.	
4	749-0388	Lower Handle	
5		Engine	
6	710-0654	Hex Wash. Hd. Self-Tap Scr.	
	110 000 1	3/8-16 x .88" Lg.	
7	710-0289	Hex Bolt 1/4-20 x .50" Lg.*	
8		20" Deck Ass'y. Comp.	
"	14200 —400	(110 and 111)	N
	12920 —456	22" Deck Ass'y. Comp.	•
	12020 -400	(120 and 121)	
10	736-0119	L-Wash. 5/16" I.D.*	
11	712-0123	Hex Nut 5/16-24 Thd.*	
12	714-0365	#6 Hi-Pro Key 5/32 x 5/8"	
12	7 14-0000	Dia.	
13	10769	Blade Adapter Kit	
14	742-0123	20" Blade (110 and 111)	
'-	742-0125	22" Blade (120 and 121)	
15	736-0217	L-Wash 3/8" I.D.—Heavy	
'3	750-0217	Duty	
16	710-0459	Hex Bolt 3/8-24 x 1.50" Lg	_
'0	110-04-00	H.T.	
25	710-0117	Hex Bolt 5/16-24 x 1.00"	
20	710-0117	Lg.—H.T.	
26	736-0105	Bell. Wash. 3/8" I.D.	
27	734-0840	Wheel Ass'y. Comp. 7 x 1.50	)
	104 0040	(110 and 111)	<b>,</b>
1 1	734-0841	Wheel Ass'y. Comp. 8 x 1.75	;
	104 0041	(120 and 121)	•
28	738-0213	Axle Bolt	
29	10769	Blade Adapter Kit	
30		Chute Deflector Assembly	
31	732-0253	Torsion Spring	
34	711-0555	Pivot Pin	
35	710-0567	Hex Bolt 1/4-28 x .62" Lg.	
"		NyLock	
36	11130 —456	Adapter Plate	
37	726-0106	Push-On Flange Palnut	
38	714-0104	Hairpin Cotter	
40		Rear Protective Shield Ass'y	<i>,</i>
'		Comp. (110 and 111)	' -
	11197 —456	Rear Protective Shield Ass's	,. J
]		Comp. (120 and 121)	' -
41	726-0188	Cable Tie	
42	710-0606	Hex Bolt 1/4-20 x 1.50" Lg.*	
43	749-0111	Upper Handle (2 Req'd.)	
44	746-0202	Throttle Control Ass'y Com	o.
45	710-0136	Hex Bolt 1/4-20 x 1.75" Lg.*	
46	746-0229	Conduit and Wire	
701	, 10 VEEV	Journal Wild Fills	

(456-Radiant Tangerine)

When ordering parts, if color or finish is important use the appropriate color code shown above (e.g. Radiant Tangerine Finish—12920 (456).;

The engine is not under warranty by the mower manufacturer. If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines — Gasoline."



<sup>\*</sup>For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

## PARTS INFORMATION

#### **POWER EQUIPMENT PARTS AND SERVICE**

Parts and service for all MTD manufactured power equipment are available through the authorized service firms listed below. All orders should specify the model number of your unit, part numbers, description of parts and the quantity of each part required.

## BRIGGS AND STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts and service should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing Engines—Gasoline, Briggs & Stratton or Tecumse Lauson.

NOTE: If any parts are found to be missing or defective upon assembly of this unit, write to advise the factory so that immediate replacement can be made.

ALABAMA	DIDMINOUAN
Auto Electric & Corburator Co	BIRMINGHAM 2625 4th Ave. S
ARKANSAS	2020 4th Ave. 530233
Mity Mite Motors Inc	FORT SMITH
witty witte motors, inc	NODTH LITTLE BOCK
Cutton's Lawn Mayor Chan	NORTH LITTLE ROCK Rt. 4, Box 36872117
CALIFORNIA	DARTERWILE
CALIFORNIA Billious	75 North D Street 02257
Billious	CAN EDANCISCO
J.W. Jewett Co	001 Follow Ct 04107
COLORADO	DENVER
Colorado Outdoor Power Equip.	527 West Evens 80222
FLORIDA	IACKSONVII I E
	4000 Victor St
nauco Distributors	Roy 5450 32207
	4909 Victor St. Box 5459
Small Eng. Dist	2351 N W 147th St 23054
GEORGIA	EAST DOINT
GEORGIA East Point Cycle & Key	2834 Church St 30344
Keen Edge Co	8615 Orden Ave 60534
INDIANA	FI KHART
INDIANA Parts & Sales Inc.	2101 Industrial Pkwy 46514
If NWA	1311 (M116361)
Power Lawn & Garden Equip	2551 J.F. Kennedy 52001
LOUISIANA	NEW ORI FANS
Subren Engine Co	8330 Farhart Blvd 70118
MARYI AND	TAKOMA PARK
Center Supply Co	. 6867 New Hampshire
MARYLAND Center Supply Co  MASSACHUSETTS Morton B. Collins Co	Ave 20012
MASSACHUSETTS	SPRINGFIELD
Morton B. Collins Co	300 Birnie Ave 01107
MICHIGAN Lorenz Service Co	LANSING
Lorenz Service Co	2500 S. Pennsylvania 48910
Power Equipment Dist	MOUNT CLEMENS
Power Equipment Dist	36463 South Gratiot 48043
MINNESOTA	HOPKINS
MINNESOTA Hance Distributing Inc.	420 Excelsior Ave. W55343
Biloxi Sales & Service, Inc	506 Caillavet St 39533
MISSOURI	KANSAS CITY3117 Holmes St64109
Automotive Equip. Service	3117 Holmes St 64109
Ross-Frazier Supply Co	ST. JOSEPH
Ross-Frazier Supply Co	8th and Monterey 64503
Henzler, Inc.	ST. LOUIS
Henzler, Inc.	2015 Lemay Ferry Road 63125
NEW JERSEY	<b>BELLMAWR</b> 717 Creek Rd
Lawnmower Parts Inc	717 Creek Rd 08030
	RUTHERFORD
Feld Distributor	28 Gien Rd 07070
NEW YORK	CARTHAGE West End Ave13619
Gamble Dist., Inc	West End Ave13619
·	

NORTH CAROLINA	GOLDSBORO
Smith Hardware Co	<b>GOLDSBORO</b> 515 N. George St 27530
	GREENSBORO
Divie Sales Company	335 N. Green27402
OHIO	CARROLL
Stobo's Mid State Mower Supp	by Boy 366 71 High St 42112
Stepe 2 Mid-State Mower Supp	OLEVELAND
Olookrio Ino	ly . Box 366, 71 High St 43112 CLEVELAND 7900 Lorain Ave 44102
Dieckrie, IIIc	/900 LUIAIII AVE 44 102
M-411 O41	WADSWURTH
National Central	687 Seville Hd 44281
Donata a Oceana los Os	YOUNGSTOWN
Burton Supply Co	WADSWORTH 687 Seville Rd
OKLAHOMA	MUSKOGEE 605 S. Cherokee 74401
Victory Motors, Inc	605 S. Cherokee74401
	OKLAHOMA CITY
Forest Sales Inc	6415 N. Olie73116
OREGON	PORTLAND 8216 N. Denver Ave 97217
Kenton Supply Co	8216 N. Denver Ave 97217
PENNSYI VANIA	CHESTER
Stull Equipment Corp	742 W. Front St 19013
	HARRISBURG 4021 N. 6th St17110
EECO Inc	4021 N. 6th St 17110
	PHII ADEI PHIA
Thompson Rubber Co	5222-24 N. Fifth St 19120
mompoon nabbol co	PITTSBURGH
Bluemont Co	11125 Frankstown Rd 15235
Diddinont Co	DINYCHTAWNEY
Frank Pohorte & Sone	PUNXSUTAWNEY R.D. 2157€
TENNESSEE	KNOXVILLE
Moster Popoir Conside	2000 Western Ave 3792
Master nepari Service	MEMPHIS
American Cales & Carries Inc	1022 Lumbrook 29116
American Sales & Service, Inc.	1922 Lynnbrook38116
TEXAS	<b>DALLAS</b> 423 E. Jefferson 75203
Marr Brotners, Inc	423 E. Jefferson /5203
	FORT WORTH 1702 N. Sylvania 76111
woodson Sales Corp	1/02 N. Sylvania /6111
	HOUSTON
Bullard Supply Co	2409 Commerce St 77003
<b>.</b>	SAN ANTONIO
Catto & Putty, Inc	414 Live Oak78298
UTAH	SALT LAKE CITY
A-1 Engine & Mower Co	SALT LAKE CITY
VERMONT	BURLINGTON
Vermont Hdwe. Co. Inc	180 Flynn Ave 05401
VIRGINIA	RICHMOND
RBI Corp	963 Myers St23260
WASHINGTON	SEATTLE
Bailey's Inc	1414 14th Ave98102
WEST VIRGINIA	CHARLESTON
Young's, Inc.	233 Virginia St., E 25301
WISCONSIN	MARSHFIELD
WISCONSIN Power Pac	301 F 29th St 54449

#### **WARRANTY PARTS AND SERVICE POLICY**

The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions over which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility; if it's the customer's fault, it's the customer's responsibility.

## CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES:

- 1. Replacement of Missing Parts on new equipment.
- 2. Replacement of Defective Parts within the warranty period.
- 3. Repair of Defects within the warranty period.

All claims MUST be substantiated with the following information:

- 1. Model Number of unit involved.
- 2. Date unit was purchased or first put into service.
- 3. Date of failure.
- 4. Nature of failure.

MTD PRODUCTS • 5965 GRAFTON ROAD • P.O. BOX 36900 • CLEVELAND, OHIO 44136